



P.B.5818 - Patentlaan 2  
2280 HV Rijswijk (ZH)  
(070) 3 40 20 40  
FAX (070) 3 40 30 16

Europäisches  
Patentamt

European  
Patent Office

Office européen  
des brevets

Generaldirektion 1

Directorate General 1

Direction générale 1

W.P. Thompson & Co.  
Coopers Building  
Church Street  
GB-Liverpool L1 3AB  
GRANDE BRETAGNE



EPO Customer Services

Tel.: +31 (0)70 340 45 00

Date

06.09.06

Reference  
RJB/P414361EP

Application No./Patent No.  
04706972.9 - 2218 PCT/US2004002604

Applicant/Proprietor  
Chase Medical, L. P.

### COMMUNICATION

The European Patent Office herewith transmits as an enclosure the supplementary European search report under Article 157(2)(a) EPC for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

### Refund of the search fee

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 435 310 A (SHEEHAN ET AL) 25 July 1995 (1995-07-25) * abstract; claims 1-25; figures 1,14 * * column 1, line 17 - column 3, line 46 * * column 11, line 6 - column 12, line 4 * -----	1-20	INV. G06T5/00  ADD. G06T7/00
X	JOHN C MCEACHENII * ET AL: "Shape-Based Tracking of Left Ventricular Wall Motion" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 16, no. 3, June 1997 (1997-06), XP011035637 ISSN: 0278-0062 * the whole document * -----	1-20	
A	WO 01/16886 A (ISIS INNOVATION LIMITED; NOBLE, JULIA, ALISON; JACOB, GARY) 8 March 2001 (2001-03-08) * the whole document * -----	1-20	
A	SETAREHDAN S K ET AL: "Automatic left ventricular feature extraction and visualisation from echocardiographic images" COMPUTERS IN CARDIOLOGY, 1996 INDIANAPOLIS, IN, USA 8-11 SEPT. 1996, NEW YORK, NY, USA, IEEE, US, 8 September 1996 (1996-09-08), pages 9-12, XP010205875 ISBN: 0-7803-3710-7 * the whole document * -----  -/--	1-20	TECHNICAL FIELDS SEARCHED (IPC)  G06T
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search <b>Munich</b>		Date of completion of the search <b>23 August 2006</b>	Examiner <b>Herter, J</b>
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div> <div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- &amp; : member of the same patent family, corresponding document</div>			

1  
EPO FORM 1503 03.82 (P04C04)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	VIKRAM CHALANA ET AL: "A Multiple Active Contour Model for Cardiac Boundary Detection on Echocardiographic Sequences" IEEE TRANSACTIONS ON MEDICAL IMAGING, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 15, no. 3, June 1996 (1996-06), XP011035542 ISSN: 0278-0062 * the whole document *	1-20	
A	JACOB G ET AL: "Robust contour tracking in echocardiographic sequences" 6TH INTERNATIONAL CONFERENCE ON COMPUTER VISION. ICCV '98. BOMBAY, JAN. 4 - 7, 1998, IEEE INTERNATIONAL CONFERENCE ON COMPUTER VISION, NEW YORK, NY : IEEE, US, 4 January 1998 (1998-01-04), pages 408-413, XP002155450 ISBN: 0-7803-5098-7 * the whole document *		
			TECHNICAL FIELDS SEARCHED (IPC)
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search Munich		Date of completion of the search 23 August 2006	Examiner Herter, J
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

1  
EPO FORM 1503 03.82 (P04C04)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 70 6972

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-08-2006

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5435310	A	25-07-1995	US	5601084 A	11-02-1997
WO 0116886	A	08-03-2001	EP	1212729 A2	12-06-2002
			JP	2003508139 T	04-03-2003
			US	7043063 B1	09-05-2006